

FIG.1

GAS	INFLAMMABILITY	OZONE/LAYER DESTRUCTIVITY	CARCINOGENICITY	PARTICLE CONTAMINATION	PROTECTION FILM REMOVABILITY
CCl ₄	NO	YES	NO	LOW	GOOD
CHCl ₃	NO	NO	YES	LOW	GOOD
CH ₂ Cl ₂	NO	NO	NO	LOW	GOOD
CH ₃ Cl	EXPLOSIVE IN AIR	NO	NO	LOW	GOOD
C ₂ H ₂ Cl ₂	EXPLOSIVE	NO	NO	LOW	GOOD
C ₂ H ₅ Cl	EXPLOSIVE	NO	NO	LOW	GOOD
C ₃ H ₆ Cl ₂	EXPLOSIVE	NO	NO	LOW	GOOD
CxHy	EXPLOSIVE	NO	NO	LOW	GOOD
CxHyFz	NO	PARTLY YES	NO	HIGH	GOOD
CxHyBrz	PARTLY YES	NO	NO	LOW	NG
N ₂	NO	NO	NO	HIGH	NG

FIG.2

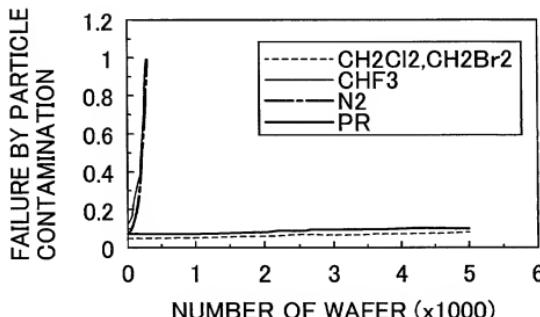


FIG.3

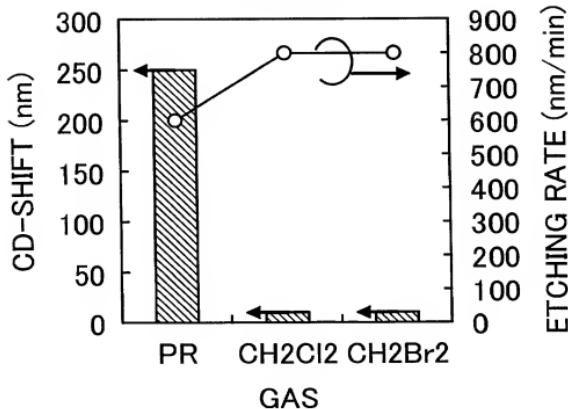


FIG.4

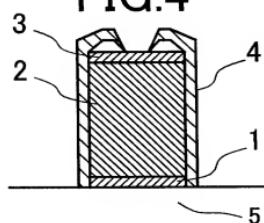


FIG.5

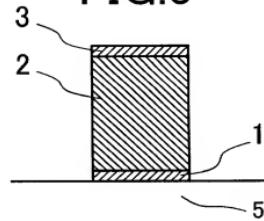


FIG.6

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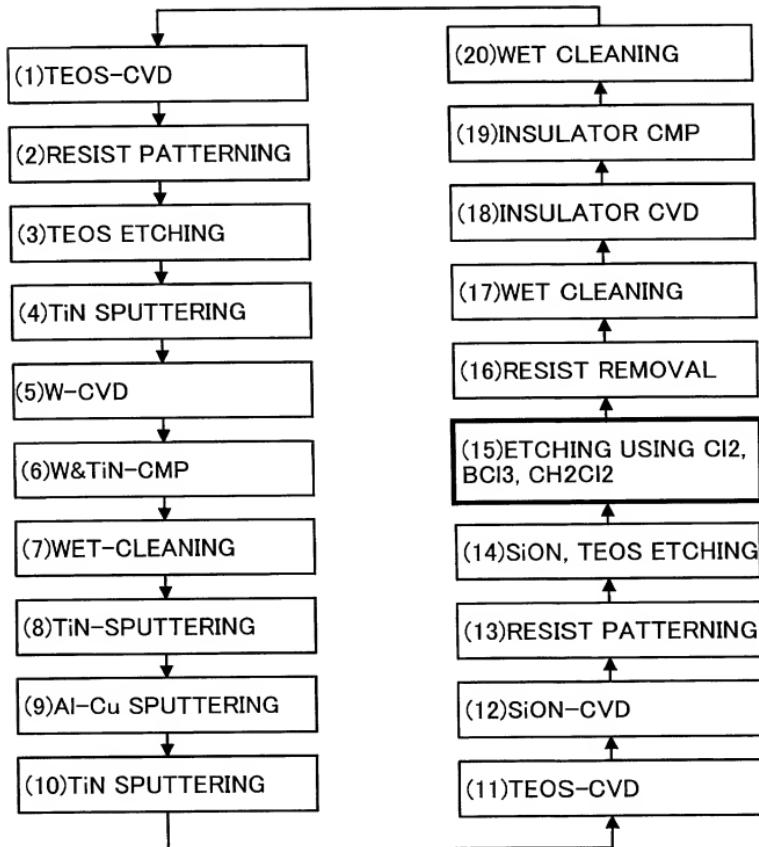


FIG.7A

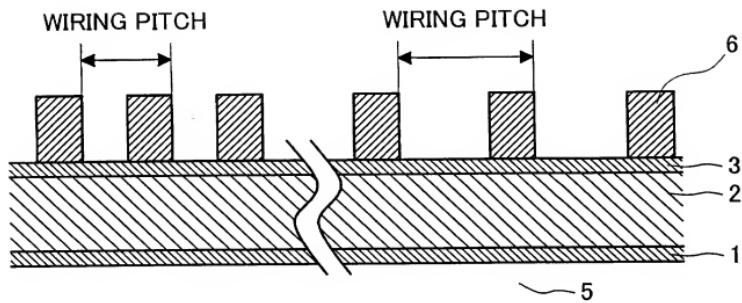


FIG.7B

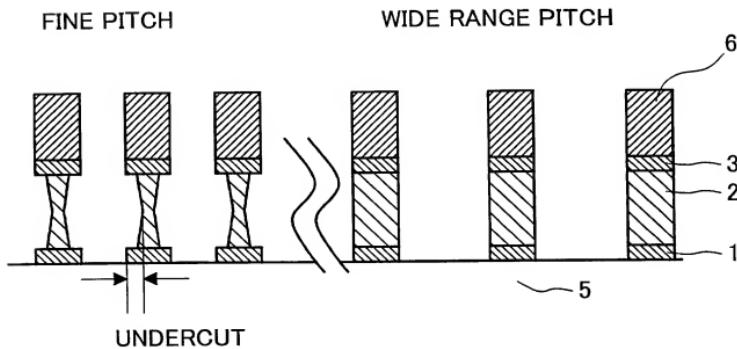


FIG.8

WIRING PITCH (nm)	UNDERCUTTING CONDITION	
	PR GAS ADDITION	CH ₂ Cl ₂ GAS ADDITION
1000	NO-UNDERCUT	NO-UNDERCUT
500	NO-UNDERCUT	NO-UNDERCUT
300	UNDERCUT	NO-UNDERCUT
260	UNDERCUT	NO-UNDERCUT
200	UNDERCUT	NO-UNDERCUT

FIG.9

